

**AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A base station for transmitting signals employing a CDMA technique, comprising:

means for combining a plurality of spread spectrum data signals;

means for measuring a characteristic of the output of said combining means for a given time period; and

means for adaptively limiting an output of the combining means responsive at least partially to an output of said measuring means; and

wherein said measuring means has processing means for determining a standard deviation of said output; and

said adaptive limiting means limits said output to a given power level based in part on the determined standard deviation.

2. (Original) The base station of claim 1 further comprising means for modulating the output of said combining means to produce an RF signal, wherein said measuring means measures an output of the modulating means over the given time period.

3. (Original) The base station of claim 2 further comprising an amplifier for amplifying the RF signal, and wherein said measuring means measures an output of the amplifier over the given time period.

4. (Canceled).

5. (Currently Amended) A base station for transmitting signals employing a CDMA technique, comprising:

means for combining a plurality of spread spectrum data signals;

means for measuring a characteristic of the output of said combining means for a given time period; and

means for adaptively limiting an output of the combining means responsive at least partially to an output of said measuring means; ~~The base station of claim 1~~  
wherein said measuring means determines an average of a square of said output, and wherein said adaptive limiting means limits the output to a given power level based in part on the average of the square of said output.

6. (Canceled).

7. (Canceled).

8. (Canceled).

9. (Currently Amended) The base station of claim 1 & wherein the calculated power level is twice as great as a standard deviation.

10. (Currently Amended) The base station of claim 1 & wherein the calculated power level is at least one standard deviation.

11. (Currently Amended) The base station of claim 1 & wherein said processing mean disables said adaptive limiting means when a number of active users reaches a given value.

12. (Currently Amended) The base station of claim 1 & wherein said processing means disables said adaptive limiting means during transmission of short codes.

13. (Currently Amended) A base station for transmitting signals employing a CDMA technique, comprising:

means for combining a plurality of spread spectrum data signals;

means for measuring a characteristic of the output of said combining means for a given time period; and

means for adaptively limiting an output of the combining means responsive at least partially to an output of said measuring means; and

~~The base station of claim 1 further comprising~~ a modulator for modulating said output to produce an RF signal and an amplifier for amplifying the RF signal prior to transmission, said measuring means determining a power level of said output; wherein a gain of said amplifier is adjusted by a processing means in response to the calculated power level and stored gain characteristics of said amplifier.